

SECRET
HEADQUARTERS
SIGNAL CORPS ENGINEERING LABORATORIES
FORT MONMOUTH, NEW JERSEY

404258

REFER TO:
SCCSCL-RPB-10
Proj. 871-3 UNCLASSIFIED

Director
Evans Signal Laboratory
ATTN: Dr. Craig M. Crenshaw

24 MAR 1950

SUBJECT: Recommendation for Classification of Data on Service Test No. 6

TO: Captain J. S. Russell, U. S. N.
Atomic Energy Commission
1901 Constitution Avenue
Washington, D. C.
ATTN: Classification Officer

3/24/50
CLASSIFICATION REVIEW
CLASSIFICATION FOR (NUMBER(S))
CLASSIFICATION CHANGED TO:
CONTAINS NO DOE CLASSIFIED INFO
CLASSIFIED WITH:
CLASSIFIED INFO BRACKETED
OTHER (SPECIFY): Bob Little

1. When proposed the subject Service Test carried a military classification of SECRET. In the execution of this test photographic film and teledeltos paper were used as the means of recording. The equipment itself carried a classification of military RESTRICTED and AEA UNCLASSIFIED. The following classifications are recommended for the various photographic films and prints; for the teledeltos recording; and for the report.

a. Photographs of the equipment taken at the Signal Corps Engineering Laboratories are classified military RESTRICTED; AEA UNCLASSIFIED. These photographs are included as figures 1 through 13 to the final report of Service Test No. 6.

b. The connection of the location of Site B with the tests is considered military SECRET.

- (1) The following 4" x 5" films show the equipment installed at Site B but do not indicate the location of Site B. It is therefore recommended that they be considered military RESTRICTED: AEA UNCLASSIFIED:

✓ SCB-FPXX-2-3
✓ SCB-FPXX-2-4
✓ SCB-FPXX-2-5
✓ SCB-FPXX-2-6
✓ SCB-FPXX-2-7

✓ SCB-FPXX-2-8
✓ SCB-FPXX-2-9
✓ SCB-FPXX-2-10
✓ SCB-FPXX-4-1
✓ SCB-FPXX-4-2

- (2) The following 4" x 5" films show associated equipment at Site B and the recommended classification is UNCLASSIFIED both military and AEA:

✓ SCB-FPXX-2-11
✓ SCB-FPXX-2-12

✓ SCB-FPXX-4-7
✓ SCB-FPXX-4-8

SECRET

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160

SCCSCL-RPB-10

Proj. 871-3

Ltr to Capt. J. M. Russell, U. S. AEC re Recommendation for Classification of Data on Service Test No. 3 - Eniwetok Island, 24 MAR 1954

- (3) The following 4" x 5" films exposed at Site B are test data or control runs. The rolls of film are approximately 400 feet long and AEA UNCLASSIFIED:

✓ SCB-FPXI-2-1

✓ SCB-FPXI-2-2

✓ SCB-FPXI-4-3

✓ SCB-FPXI-4-5

✓ SCB-FPXI-3-1

✓ SCB-FPXI-3-2

✓ SCB-FPXI-4-1

✓ SCB-FPXI-4-10

- (4) The following 35 mm. movie films exposed at Site B are test data or control runs. The rolls of film are approximately 400 feet long.

- ✓ (a) SCB-D2-1 is a blank used as a control against tropical conditions; the recommended classification is UNCLASSIFIED.
- ✓ (b) SCB-XXX-1 is a series of test runs to check proper alignment of the equipment and the recommended classification is military and AEA UNCLASSIFIED.
- (c) SCB-XXX-2 and SCB-D2-3 are data taken during the Yoke Test. In view of the results of the experiment and the lack of coordinated timing there is no means of obtaining AEA data from these films. The recommended classification is therefore military SECRET and AEA UNCLASSIFIED.
- (d) SCB-D-2 is a photograph recording of data with a watch in the field of view. The recommended classification is military SECRET and AEA UNCLASSIFIED unless the time indicated on the watch requires a higher classification.

c. The following 4" x 5" films were exposed at Site A which was located on Eniwetok Island:

- (1) SC-A-SIP-8 was a blank for control of tropical conditions; the recommended classification is UNCLASSIFIED, both military and AEA.
- (2) SC-A-SIP-4 was taken at H plus two seconds on Yray Day.
- ✓ SC-A-SIP-5 was a similar exposure taken at H plus two seconds on Yoke Day. The recommended military classification is SECRET. From these films it may be possible to

SCCSCL-RPB-10
Proj. 871-3

Ltr to Capt J. W. Russell, U.S.N., AEC re Recommendation for Classification
of Data on Service Test No. 6 - Contd. 24 MAR 1950

obtain AEA data by a measure of the fogging of the field
of view. If not, the recommended AEA classification is
UNCLASSIFIED.

- (3) Film SG-A-SIP-7 was exposed at H minus five minutes on
Xray Day and SC-A-SIP-3 at H minus five minutes on Yoke
Day. SC-A-SIP-1 and SC-A-SIP-2 were exposed at H plus
five minutes on Xray Day and SC-A-SIP-6 was exposed at
H plus five minutes on Yoke Day. There is no indication
on these films from which AEA data may be obtained. The
recommended classification of all of the above films is
military SECRET (because they indicate the type of
experiment being performed) and AEA UNCLASSIFIED.

d. The following rolls of film approximately 100 feet long were
exposed at Station A:

3 + 5 6

- (1) Films SCA-X-3 through -6 were exposed on firing dates
and show sufficient scattered light so that the estimates
of duration of the illumination can be obtained. This
may be AEA data. If not, the recommended AEA classifica-
tion is UNCLASSIFIED. The recommended military classifi-
cation of these films is SECRET.
- (2) SCA-XX-1 was exposed on Xray Day at the time of the
test; however, a light leak fogged this film and there
is apparently no possibility of obtaining AEA data from
this film. The recommended classification is military
SECRET and AEA UNCLASSIFIED.
- (3) Film SCA-XX-8 was exposed on Yoke Day. Because of an
operational failure, exposure was started at H plus two
minutes; therefore, there is no chance of obtaining AEA
data from this film. The recommended classification
is military SECRET and AEA UNCLASSIFIED.

e. In addition to the above photographic film there are three
teledeltos recordings:

- (1) Recording No. 1 is a background control recording.
The recommended classification is AEA UNCLASSIFIED,
military SECRET.
- (2) Recording No. 2 was taken on Xray Day and Recording
No. 3 was taken on Yoke Day. There is no possibility

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3

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SCCSCL-RPB-10
Proj. 87A-3

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Ltr to Capt J. W. Russell, U.S.N., AEA re Recommendation for Classification
of Data on Service Test No. 6 - Contd

24 MAR 1950

of obtaining AEA data from these records. The recommended
classification is military SECRET, AEA UNCLASSIFIED.

2. It is recommended that the report be classified military TOP SECRET. This classification is recommended because of the obvious extension of the work under Service Test No. 6. It is further recommended that the report be classified AEA UNCLASSIFIED. If the report contains statements which require a higher AEA classification, it is requested that consideration be given to deleting those statements in order to form an extracted report with a classification of AEA UNCLASSIFIED which will be available for distribution.

3. The films and teledeltos recordings discussed above, together with prints, are being forwarded for final classification. It is recommended that all the films be kept in the archive file. No prints of the SC-A-SIP Series are necessary. The original film and one print of each of the SCB-FPXI-2 and -4 Series should be kept. Only the original film in the 35 mm. film series and the original teledeltos tapes should be kept.

Craig M. Crenshaw
CRAIG M. CRENSHAW
Group Leader
Signal Corps Experimental Group

2 Incls

1. List of films and
tapes described above
2. Material listed in
Inclosure 1 above

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4

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Military SECRET

35 mm Film

✓SCA-IX-3
✓SCA-IX-3
✓SCA-IX-4
✓SCA-IX-5
✓SCA-IX-6
✓SCA-IX-7
✓SCA-IX-8

35 mm Film

SCB-XX-1
SCB-XX-2
SCB-XX-3
SCB-XX-4
SCB-XX-5
SCB-XX-6
SCB-XX-7

Film SCB-FPX-4-1 with 3 prints ✓
-4-2 with 3 prints ✓
-4-3 with 3 prints ✓
-4-4 with 3 prints ✓
-4-5 with 3 prints ✓
-4-6 with 3 prints ✓
-4-7 with 3 prints ✓
-4-8 with 3 prints ✓
-4-9 with 3 prints ✓
-4-10 with 3 prints ✓
-4-11 with no prints ✓
-4-12 with no prints ✓

Film SCB-FPX-2-1 with 3 prints ✓
-2-2 with 3 prints ✓
-2-3 with 3 prints ✓
-2-4 with 3 prints ✓
-2-5 with 3 prints ✓
-2-6 with 3 prints ✓
-2-7 with 3 prints ✓
-2-8 with 3 prints ✓
-2-9 with 3 prints ✓
-2-10 with 3 prints ✓
-2-11 with 3 prints ✓
-2-12 with 3 prints ✓

Film SC-A-SIP-1 with no prints ✓
-2 with no prints ✓
-3 with 3 prints ✓
-4 with 4 prints ✓
-5 with 2 prints ✓
-6 with 3 prints ✓
-7 with no prints ✓
-8 with no prints ✓

Teledeltos Tapes

No. 1 ✓
No. 2 ✓
No. 3 ✓

POI 8

Incl 1 to Incl 1

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